

## REGISTRATION FORM

Title/Last Name	
First Name	
Institution/Company/Affiliation	
Address	
City	State/Province
Country	Postal Code/ZIP
Email	
Title of paper	

### Registration Fees

Before June 30, 2002:

- Professionals .....\$375
- Full-time Students .....\$225

After June 30, 2002:

- Professionals .....\$475
- Full-time Students .....\$275

Additional ticket to welcome  
reception and banquet .....\$50

Total charges .....\$ \_\_\_\_\_

Registration fees include the conference proceedings, a welcome reception on September 22, continental breakfasts and breaks on September 23-25, and a dinner banquet on September 24.

Fees may be paid by check or credit card (VISA, MC, American Express)

**MAKE CHECKS PAYABLE TO:** (must be drawn in US currency)

Sandia National Laboratories

**SEND CHECKS TO:**

3RD Int. DEM Conference

Sandia National Laboratories

P.O. Box 5800 MS 0751

Albuquerque, NM 87185-0751

Attach Conference Registration Form(s)

**PAYMENT BY CREDIT CARDS:**

Fax form to (505) 844-7140 or mail to above address

Name of card holder

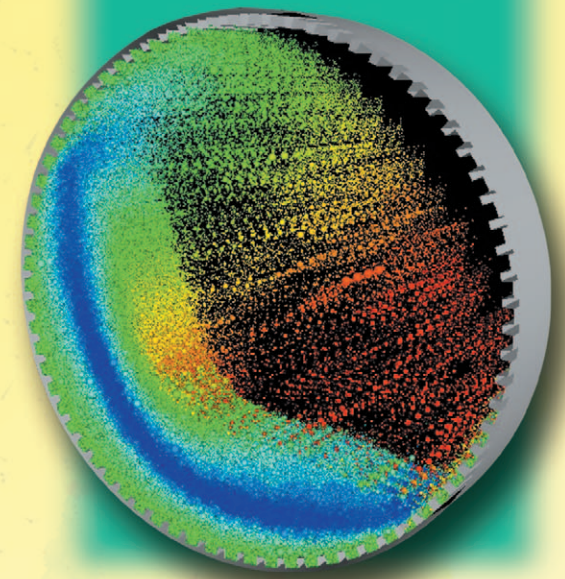
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To:

3<sup>rd</sup> International Conference on  
Discrete Element Methods  
Sandia National Laboratories  
P.O. Box 5800 MS 0751  
Albuquerque, NM 87185-0751



# 3<sup>rd</sup> International Conference on Discrete Element Methods

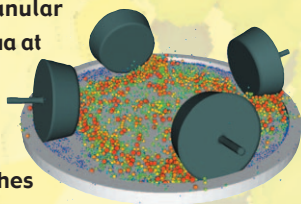
Santa Fe, New Mexico, USA  
September 23 - 25, 2002

Conference sponsored by Sandia National Laboratories,  
with technical co-sponsorship by the Geo-Institute and the International  
Association for Computer Methods and Advances in Geomechanics.



# Numerical Modeling of Discontinua

The 3<sup>rd</sup> International Conference on Discrete Element Methods will be held in Santa Fe, New Mexico, USA on September 23 – 25, 2002. Discrete element methods (DEM) include a suite of numerical techniques developed over the past 25 years to model granular materials, rock, and other discontinua at the grain scale. This conference will bring together a diverse group of researchers and practitioners to discuss new DEM modeling approaches and applications. For more information, please visit the conference web site at [www.sandia.gov/dem](http://www.sandia.gov/dem), or contact the organizers at [dem@sandia.gov](mailto:dem@sandia.gov).



## CONFERENCE LOCATION

The conference will be held at the La Fonda Hotel in Santa Fe, New Mexico USA. La Fonda is a unique, pueblo style hotel located on the historic Plaza in Santa Fe. Santa Fe is an enchanting and culturally rich city located at the base of the Sangre de Cristo Mountains in northern New Mexico.

La Fonda has reserved a block of rooms for the nights of September 22 through September 24 at the discounted rate of \$145 US plus tax for single or double occupancy. Due to limited availability, conference attendees are encouraged to reserve their rooms several months in advance by e-mail: [reservations@lafondasantafe.com](mailto:reservations@lafondasantafe.com), or by Internet: [www.lafondasantafe.com/email.html](http://www.lafondasantafe.com/email.html), or by phone: 1-800-523-5002.

## IMPORTANT DEADLINES

- April 30, 2002 – Submission of 3–5 page abstracts
- June 05, 2002 – Notification on acceptance of abstracts
- June 30, 2002 – End of early registration discount
- August 31, 2002 – Final program posted on conference website
- September 22, 2002 – Welcoming reception
- September 23, 2002 – Beginning of technical program

## CALL FOR PAPERS

Papers on both theoretical and applied work in DEM are invited for presentation. Extended abstracts (3–5 pages in length) should be submitted electronically to [dem@sandia.gov](mailto:dem@sandia.gov) by April 30, 2002 for review and possible acceptance for presentation and publication in the conference proceedings. Topics of interest include:

### PARTICLE MODELS

- bond representations for cementation and cohesion
- brittle and highly deformable elements
- contact modeling

### NUMERICAL TECHNIQUES

- mathematical theory
- contact detection algorithms
- parallelization methods

### COUPLED METHODS

- coupled continuum and discontinuum methods
- coupled multiphase methods

### EXPERIMENTAL VALIDATION

- characterization and measurement of material properties
- relationship between particulate and bulk material properties

### APPLICATIONS

- large-scale industrial applications in material processing, geotechnical, mining, or petroleum engineering
- fundamental investigations (e.g., granular flows)

### CODE DESIGN AND DATA ANALYSIS

- program architecture
- visualization

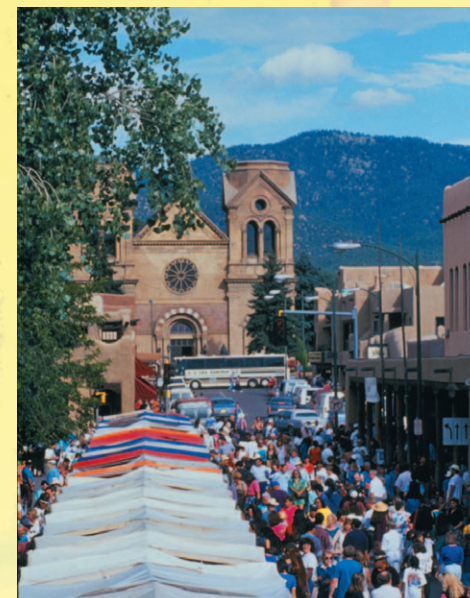
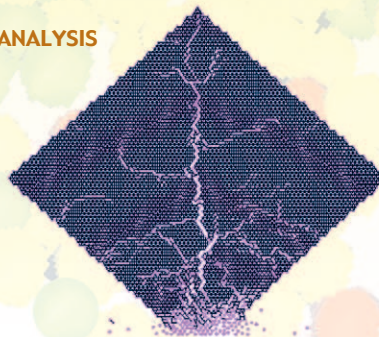


Photo by Corrie Photography

Historic Plaza in Santa Fe, New Mexico

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Tang-Tat Ng, University of New Mexico  
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